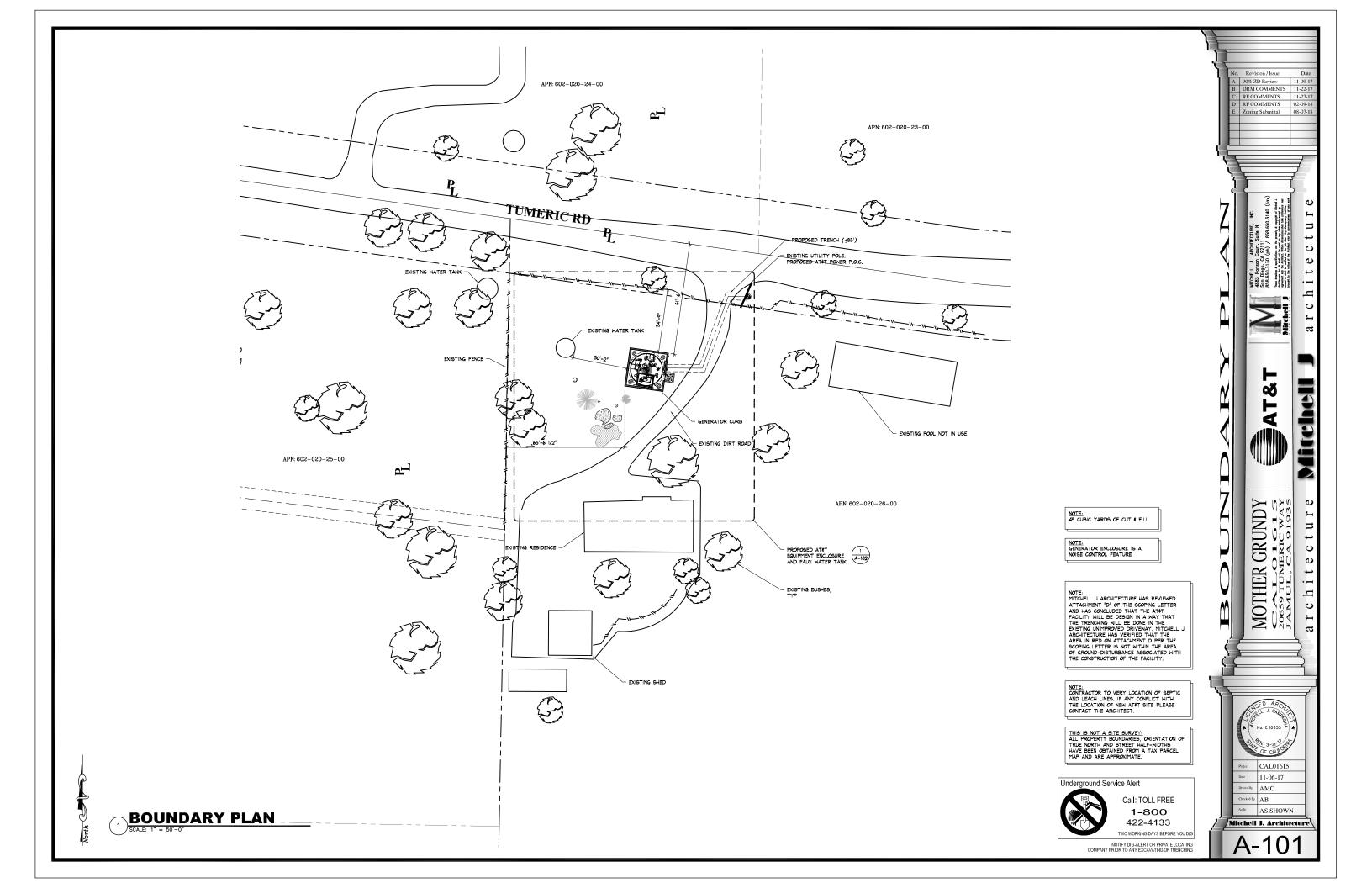
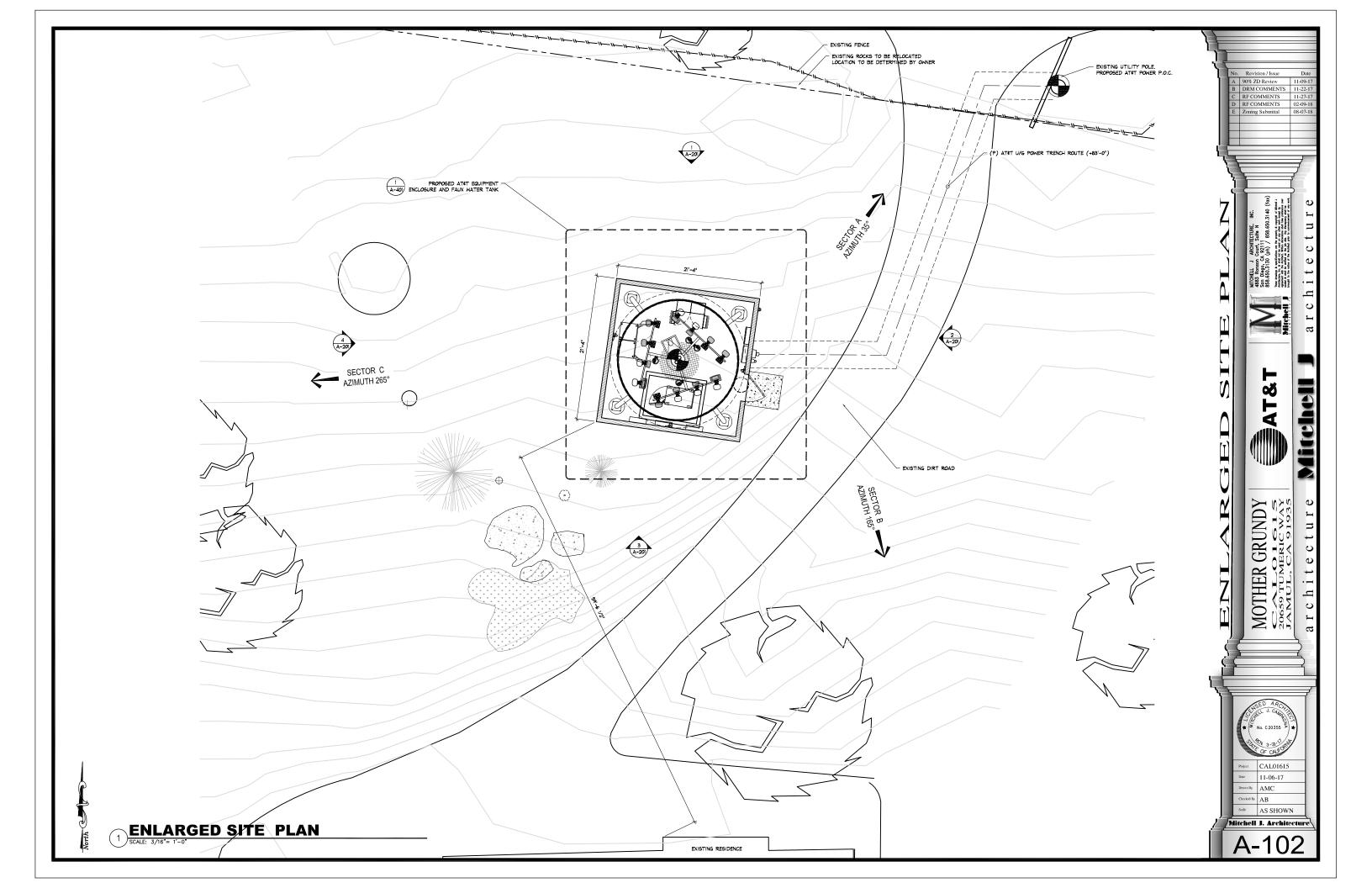


SURVEY

LS-2





BMP LEGEND

WM-4 SPILL PREVENTION AND CONTROL

WM-8 CONCRETE WASTE MANAGEMENT
WM-5 SOLID WASTE MANAGEMENT

WM-9 SANITARY WASTE MANAGEMENT
WM-6 HAZARDOUS WASTE MANAGEMENT

TEMPORARY RUNOFF CONTROL BMPs:

SC-5 FIBER ROLLS -FR-FR-

SC-6 / SC-8 GRAVEL OR SAND BAGS

TC-1 STABILIZED CONSTRUCTION ENTRANCE

SS-7 PHYSICAL STABILIZATION EROSION CONTROL BLANKET

 $\boxed{\text{SS-3,4,7}}$ will use erosion control measures from item a on flat areas also

SC-7 STREET SWEEPING AND VACUUMING

PERMANENT BMPs:

NONE

POST CONSTRUCTION SITE DESIGN BMPs:

4.3.2 CONSERVE NATURAL AREAS, SOILS, AND VEGETATION

4.3.3 MINIMIZE IMPERVIOUS AREA
4.3.4 MINIMIZE SOIL COMPACTION

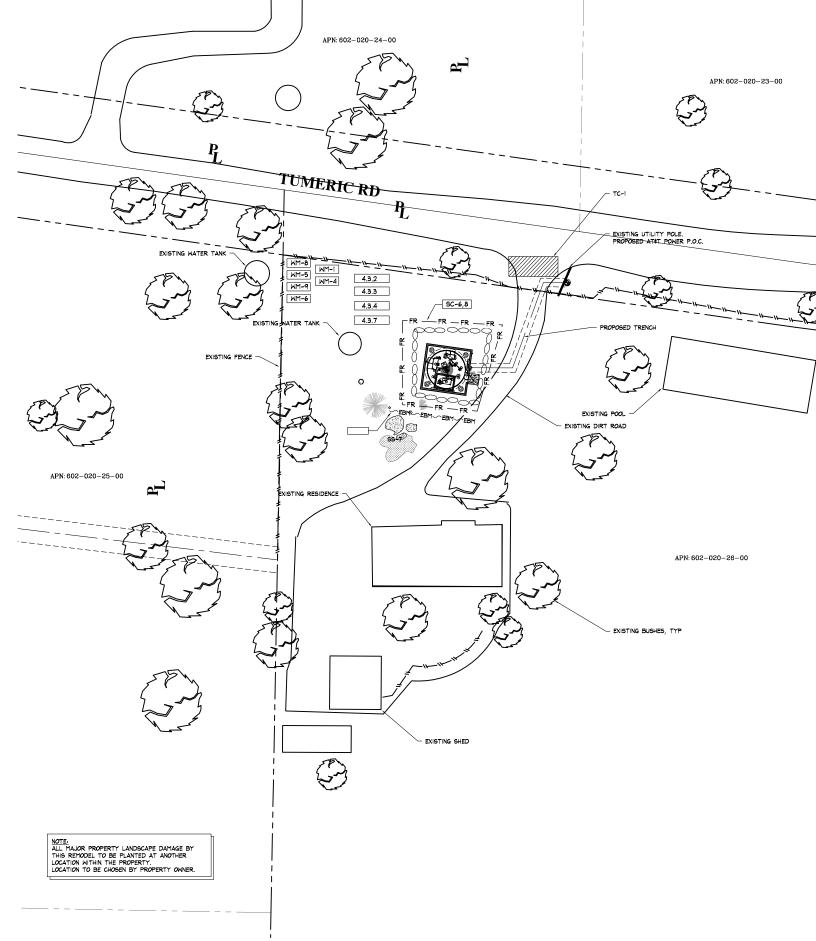
4.3.7 LANDSCAPING WITH NATIVE OR DROUGHT TOLERANT SPECIES

STORMWATER POLLUTION PREVENTION NOTES

- APPROPRIATE EROSION PREVENTION AND SEDEMENT CONTROL MEASURES WILL BE IMPLEMENTED AT ALL TIMES.
- 2. ALL DISTURBED AREAS SHALL BE PROTECTED FROM STORMWATER RUN-ON AND PREVENT STORMWATER RUN-OFF
- 3. THE TOPS OF ALL SLOPES SHALL HAVE A DIKE OR TRENCH TO PREVENT WATER FROM FLOWING OVER THE CRESTS OF SLOPES.
- 4. CLEAN GRAVEL ONLY WILL BE USED IN GRAVEL BAGS.
- 5. CATCH BASINS, DISTILLING BASINS, GRAVEL BAGS, CHECK DAMS AND STORM DRAINS SYSTEMS SHALL BE INSTALLED TO THE SATISFACTION OF THE CITY. THESE FACILITIES SHALL BE CLEANED AND REPAIRED ON A REGULAR BASIS, AND KEPT FREE OF SOIL ACCUMULATION.
- 6. GRAVEL BAG CHECK DAMS SHALL BE PLACED IN UNPAYED AREAS WITH GRADIENTS IN EXCESS OF 2% IN OTHER GRADED OR EXCAYATED AREAS AS REQUIRED BY THE CITY, AND AT OR NEAR EVER POINT WHERE CONCENTRATED FLOWS LEAVE THE DEVELOPMENT.
- 7. GRAVEL BAGS SHALL BE PLACED ON THE UPSTREAM SIDE OF ALL DRAINAGE INLETS TO MINIMIZE SLT BUILUP IN THE INLETS AND PIPES
- 8. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ANY ERODED SLOPES
- 9. ROADWAYS AND ENTRANCES TO AND FROM THE SITE SHALL BE SWEPT ON A REGULAR BASIS TO KEEP THEM FREE OF SOIL ACCUMULATION
- IO.CONTRACTOR SHALL HAVE WATER TRUCKS AND EQUIPMENT ON-SITE TO MINIMIZE AIRBORNE DUST CREATED FROM GRADING AND HAULING OPERATIONS OR EXCESSIVE WIND CONDITIONS, WATERING SHALL BE PERFORMED ON A CONTINUOUS BASIS ANY TIME THESE CONDITIONS ARE PRESENT AND AT ALL OTHER TIMES AS DIRECTED BY THE CITY, ADDITIONAL DUST CONTROL MEASURES SHALL BE IMPLEMENTED AS
- 11. STOCKPILES SHALL BE COVERED AT THE END OF EACH WORKING DAY PRIOR TO PREDICT RAIN EVENTS. ASPHALT SHALL BE STORED ON A LAYER OF PLASTIC
- 12.ALL PORTABLE TOILETS SHALL HAVE A SECONDARY CONTAINMENT AND NOT BE LOCATED NEAR A STORM DRAIN OR STORMINATER CONVEYANCE SYTEM (I.E. STREET, GUTTER, SIDEMALK, ETC.)
- 13.INACTIVE SLOPES SHALL BE PROTECTED AND STABILIZED WITH 10 CALENDAR DAYS OF LAST BEING WORKED, OR ON THE DIRECTION OF THE CITY. ACTIVE SLOPES SHALL BE STABILIZED DURING RAIN.
- 14.EROSION SHALL BE MITIGATED BY INSTALLING LANDSCAPING AS PER APPROVED LANDSCAPE PLANS AS EARLY AS FEASIBLE, AND AS REQUIRED BY THE DEVELOPMENT REVIEW CONITIONS. TEMPORARY EROSION CONTROLS SHALL CONFORM TO THE FOLLOWING.

LAND DISTURBANCE AREA

700 SQ. FT.



NOTE: CONTRACTOR TO VERY LOCATION OF SEPTIC AND LEACH LINES. IF ANY CONFLICT WITH THE LOCATION OF NEW AT&T SITE PLEASE CONTACT THE ARCHITECT.

THIS IS NOT A SITE SURVEY:
ALL PROPERTY BOUNDARIES, ORIENTATION OF
TRUE NORTH AND STREET HALF-MIDTHS HAVE
BEEN OBTAINED FROM A TAX PARCEL MAP AND
ARE APPROXIMATE.

Underground Service Alert



Call: TOLL FREE 1-800 422-4133 A 90% ZD Review

RF COMMENTS

D RF COMMENTS

4

GRUNDY

MOTHER

CAL01615

AMC

Mitchell J. Architecture

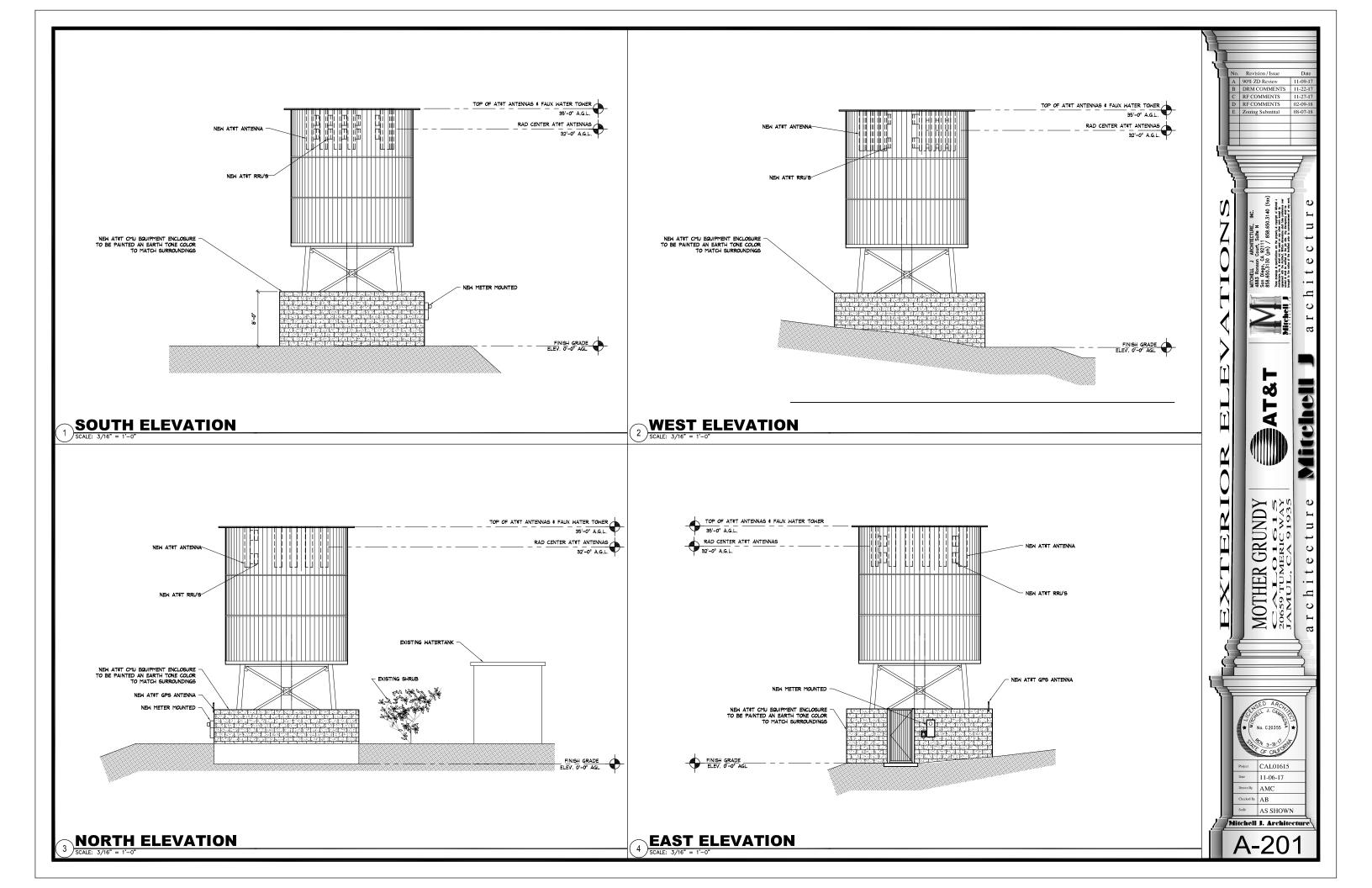
AS SHOWN

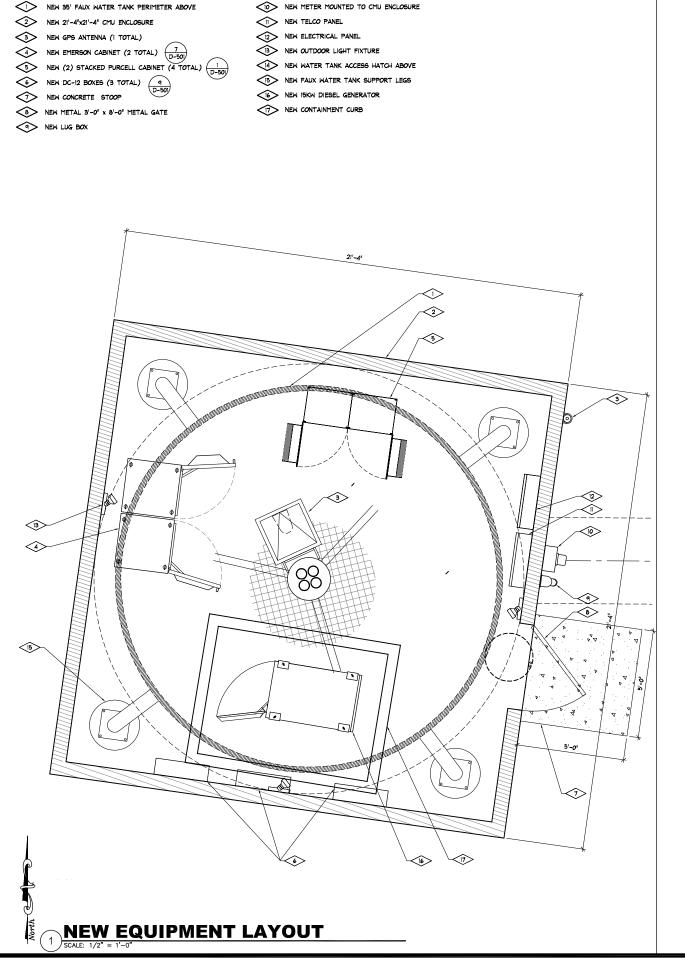
TWO WORKING DAYS BEFORE YOU DIG

NOTIFY DIG-ALERT OR PRIVATE LOCATING COMPANY PRIOR TO ANY EXCAVATING OR TRENCHING

iorth

STORMWATER PLAN
SCALE: 1' = 20'-0"





EQUIPMENT LAYOUT PLAN KEY NOTES

EXISTING ANTENNA & COAX SCHEDULE														
				ANTENNA							TRANSMISSION LINE			
SECTOR	P05.	ТЕСН.	STATUS	ANTENNA	AZIMUTH	RAD CENTER	TMA	SURGE SUPPRESSOR	RRU	FILTER	FIBER/POWER	COAX	LENGTH 1	
	1	FWLL	NEW	HBSA-M65R-KU-H6_2350MHZ	35°	32'-0"				(1) WCS				
	2	FWLL	NEW	HBSA-M65R-KU-H6_2350MHZ	35°	32'-0"				(1) WCS	1			
A	3	GENERIC	NEW	80010991	35*	32'-0"		(3) DC-12 ON					1 -	
	4	GENERIC	NEW	80010991	35°	32'-0"		EQUIPMENTS						
	1	FWLL	NEW	HBSA-M65R-KU-H6_2350MHZ	165*	32'-0"		ENCLOSURE AND (4) DC-6		(1) WCS				
В	2	FWLL	NEW	HBSA-M65R-KU-H6_2350MHZ	165*	32'-0"		INSIDE		(1) WCS	(8) DC CABLE			
	3	GENERIC	NEW	80010991	165*	32'-0"		WATER TOWER		(3) FIBER CABLE		-		
ç	4	GENERIC	NEW	80010991	165"	32'-0"								
	1	FWLL	NEW	HBSA-M65R-KU-H6_2350MHZ	265*	32'-0"				(1) WCS				
	2	GENERIC	NEW	HBSA-M65R-KU-H6_2350MHZ	265°	32'-0"				(1) WCS				
	GE	NERIC N	EW	80010991 265°		32'-0"								
4	GE	IERIC NEW 80010991	80010991 265*	32'-0"]				
TOTALS				(12) ANTENNAS		-		(7) DC- SURGE SUPPRESSORS	(24) RRUS	(6) WCS				

NEW ANTENNA LAYOUT PLAN KEY NOTES

> NEW 35'	FAUX	WATER	TANK
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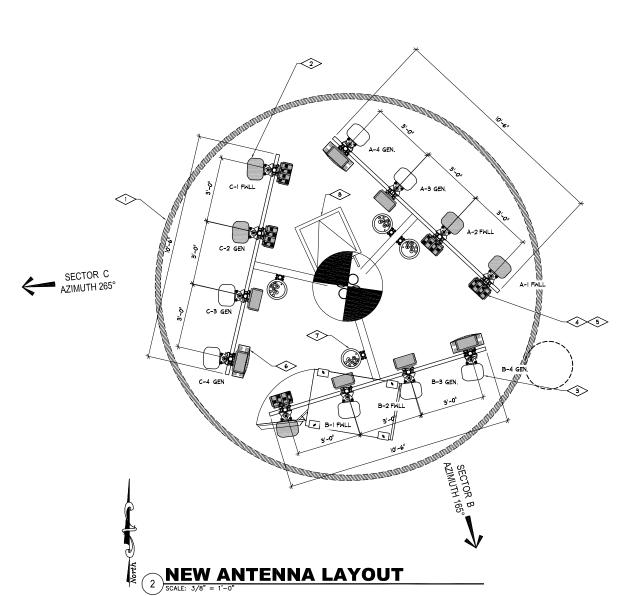
NEW FWLL ANTENNAS (5 TOTAL)

3 NEW GENERIC ANTENNAS (7 TOTAL)

NEW RRUS32 MOUNTED BEHIND NEW FWLL ANTENNA (21 TOTAL) NEW RRUS-32 (TRUNTED DEHIND NEW TRUS-32 (5 TOTAL)
 NEW RRUS-11 MOUNTED BELOW NEW RRUS-32 (3 TOTAL)
 D-50)

NEW DC-6 SURGE SUPPRESSION UNITS (4 TOTAL) $\frac{3}{(D-50)}$

⊗ NEW WATER TOWER HATCH





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RF COMMENTS

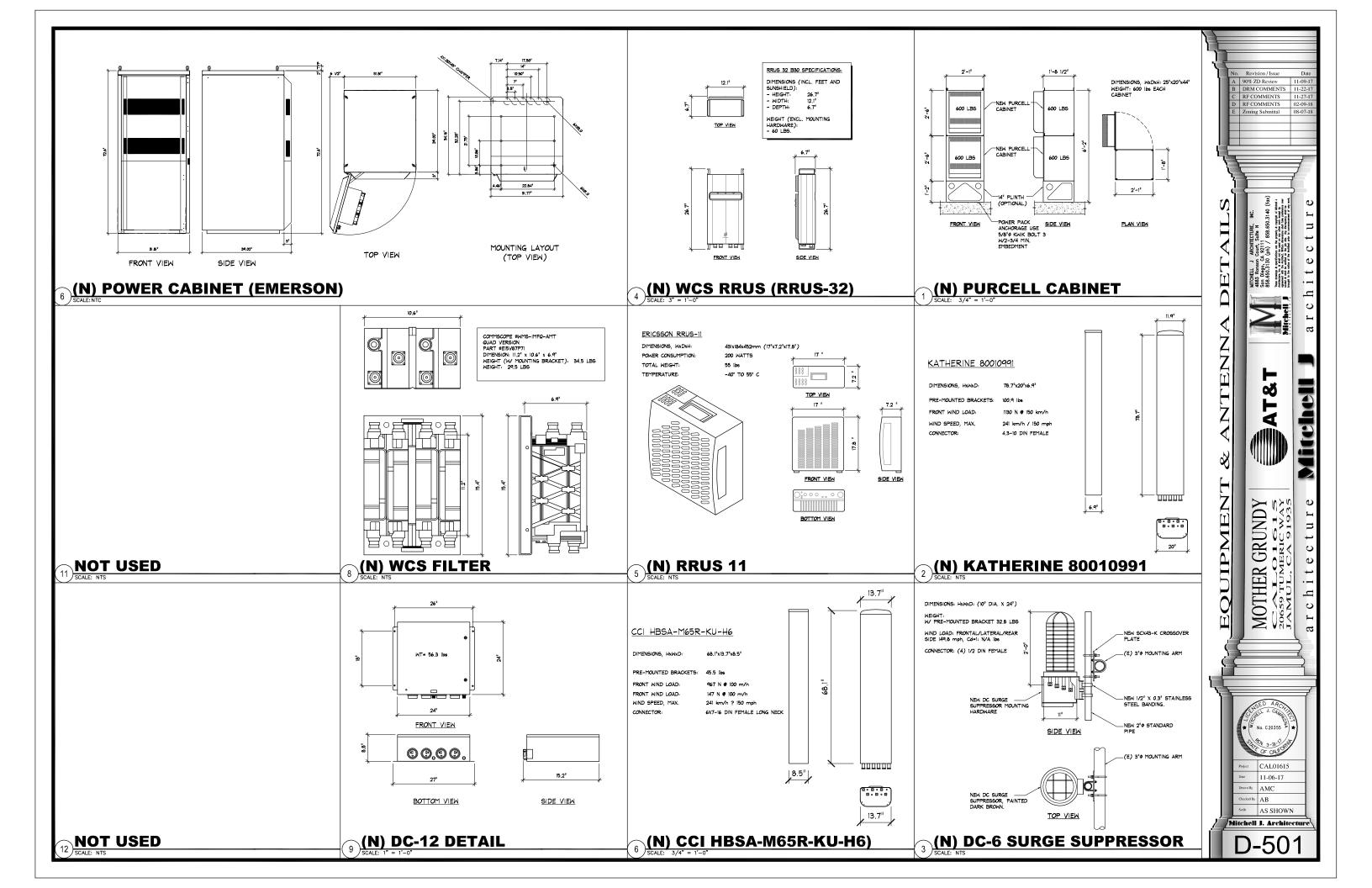
MOTHER GRUNDY 200559 TUMPER 61

AT&

11-06-17 awn By AMC

Mitchell J. Architecture A-401

ked By AB AS SHOWN



8220-603 series Reliability through Simplicity



Founded in 1979 Polar Power specialized in solar photovoltaic systems, solar air conditioning and refrigeration. We developed and provided photovoltaic charging controls for telecommunications in the 1980s along with DC generators for the military. In 1954 we see first to provide DC generators with remote control and monitoring to the telecom-levent of the property of the proper

Intertek 4003706 Conferms to UL STD 2200 Certified to CSA STD C22.2 No. 100 Fuel tank is UL 142 Listed

Meets EPA Emission Regulations CA/MA Emissions Compliant

2 year standard warranty, extended 5-10 year warranty available

The concepts and features behind Polar's backup generator for telecommunications include:

The concepts and features behind Polar's backup generator for telecommunications include:

SMAL FOOTPMIT: Palar's DC generator is considerably smaller and that in a Capacitan control is a state of the control is and the contro

CORROSION RESISTANT. All-aluminum enclosure with stainless hardware for low maintenance, and long service life.

ADVANCED MONITORING. Remote diagnostics, control, and monitoring. Ethernet and RS232 standard, with optional SNMP. SIMPLICITY. Transfer switch, rectifier, and starting battery are not required.

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Tranfer switch required Yes No
Pernithing costs 55 5
Shipping to site and installation cost 55 5
Site preparation/reinforcing structures 555 5
Etheren(R/S222 remote control and montoring 555

Low acoustic noise

Small engine horsepower
 Small 54 gallon diesel fuel tank meets UL 142
 DC generator is fully isolated from the utility grid
 No transfer switch

8220 ALTERNATOR FEATURES

ENCLOSURE

 Nomechanical adjustments
 Very lightweight
 High quality electrical output Class 220° C insulation

130 to 180 / 3.68 to 5.1

Model 88-25-0603
Type Weather Protective
Matrials Marine Grade Aluminum
Doo: Hardware
Mounting Secure Mounting Tabs

 Anodized type III process for aluminum parts Votage and current regulation
 Upto 94% efficiency · Nickel plating for steel parts

 Stator is varnished 8220 ALTERNATOR SPECIFICATIONS

Model	
Storage Rating (Farads)	

20-16-0001 500 Permanent Magnets, NdFeB
46.5/21
Variable engine speed
3 phase/32 poles
10 kW - 250
(A) 15 kW - 350
Pull fuse block, sized for each generator kW
48 to 62

Model	00-10-0015
Input Voltage (VDC)	28.8 to 60
Output Voltage (VDC)	14 to 14.4
Recharge time from 0 VDC (min)	10
Recharge time from 8 VDC (min)	2
Weight (lb/kg)	2.2/1

Contact us for current sound data

	10 kW	15 kW
Dry Veight (lb/kg)	1106/502	1248/566
Dimensions (LxWxH) (in/cm)	32 x 50 x 72 / 8	31.3 x 127 x 183

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Engine Model	Isuzu 3CA1 or Yanmar 3"NV74	Oil Filter Type	Full flow spin-on canister			
Cylinders	3 In-line	Oil Capacity	2.8 L - 3CA1/3TNV74			
Dispacement (L)	0.993	Oil Capacity	6.7 L - 3TNV88			
Bore (in./mm)	2.91/74	Oil Pressure Switch	Yes			
Strole (in./mm)	3.03/77	Oil Pressure Transducer	Optional			
Intake Air System	Naturally Aspirated	ENGINE COOLING SYSTEM	1			
Engine HP	18	T	December of Alexandres on Desilvation			
Emissions Compliance	EPA and CARB Certified	Туре	Pressurized Aluminum Radiator			
Variable RPM	2300 to 2600	Water Pump	Belt-driven, Pre-lubed, self-sealing			
NGINE SPECIFICATIONS	15 KIN DIESEI	Fan Type	Electric Fans			
NGINE SPECIFICATIONS	. 15 KW DIESEL	Airflow CFM or M³/hr	1300 or 2200			
Engine Model	Yanmar 3TNV88	Fan Mode	Pusher			
Cylinders	3 In-line	Temperature Switch	Yes			
Dispacement (L)	1.642	DIESEL FUEL SYSTEM				
Bore (in./mm)	3.4/88	DIESEL FUEL SYSTEM				
Strole (in./mm)	3.5/90	Туре	Diesel			
Intake Air System	Naturally Aspirated	Fuel Pump Type	Electrical			
Engine HP	24	Injector Type	Mechanical			
Emissions Compliance	EPA and CARB Certified	Fuel Filtering	Paper element			
Variable RPM 1500 to 1850		FUEL TANK SPECIFICATIONS				
NVIRONMENTAL		FUEL IANK SPECIFICATIO	N3			
		UL Rated Capacity (gal/L	54/204			
Operating Temperature	(°C/°F) -40 to 72 / -40 to 162	Run Time	see table below			
Operating Humidity %	100	Tank Alarms	Yes			
Cold Start Aide	Glow Pluge	A Company	Val			

	Output (kW)	gal/hr	L/hr	Listi	ngs					L	L 142	! (
	4	0.35	1.32								125	
	5	0.44	1.66		1							
	6	0.53	2	-							125	
3CA1/3TNV74	7	0.615	2.33	e (hus)					_	105		
	8	0.7	2.65	e Tie			_	82	92			
	9	0.79	2.99	Besen	53	62	70					
	10	0.88	3.33	82								125
3TNV88	15	1.02	3.86		15	10		8		6	ļ	
A/CD ADILICTMEN			15	10		Output P	ower (ki		3			

ENGINE FUEL CONSUMPTION

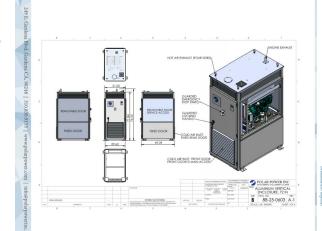
1% derate for every 5.6 °C (10 °F) above 25 °C (77 °F) % derate for every 300 m (1000 ft) above 91 m (300 ft) 249 E. Gardena Blvd, Gardena CA, 90248 | 310.830.9153 | www.polarpower.com | info@polarpowerinc.com

E-Stop Depressed...... Fuel Level Over 90%...

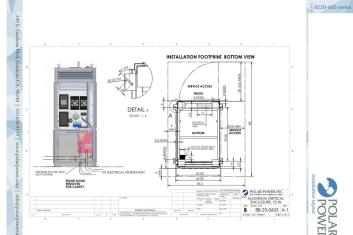


	10 kW	15 kW
System coolant capacity (gal/L)	2.2/	8.3
Max mum operation air temperature on radiator ('C/°F)	50/122	57/135
Maxmum ambient temperature (°C/°F)	60/140	60/140
COMBUSTION REQUIREMENTS		
COMBOSTION REQUIREMENTS	10 kW	15 kW
Flow at rated power (cfm/cmm)	47/1.34	68/1.92
EXHAUST	10 kW	15 kW
Exhaust flow at rated output (cfm/cmm)	90/2.55	135/3.82
Exhaust temperature at rated output (°C/°F)	480/	900
CONTROLLER FEATURES		
Controller Type		Supra Model 2
4-Line Plain Text LCD Display.		
Engine Run Hours Indication		
Programmable Start Delay.		
Run/Alarm/Maintenance Logs		
Engine Start Sequence		
Starter Supercapacitor Charger		
Automatic Voltage Regulation with Over and Under Voltage Protection		Standa
Automatic Low Oil Pressure/High Oil Temperature Shutdown		Standa
Overcrank/Overspeed		Standa
Automatic High Engine Temperature Shutdown		Standa
Field Jpgradeable Firmware		Standa
Glow Plug Delay		
Engine Start Delay.		Adjustable, Set at 60 s
Return to Utility Delay.		
Engine Cool-down		
Exerciser		
WARNING ALARMS		
Low Diesel Fuel Level		Standa
Diesel Fuel Tank Rapture Basin		Standa
Low/High Supercapacitor Voltage		Standa
High Water Temperature		
Low 0il Pressure		Standa
CONTACT CLOSURE FOR REMOTE INDICATION (PN 84-12-0640)		
Shutdown Alarm		Option
Shutdown Alarm		
		Option
Warning Alarm		Option
Varnng Alarmngine Run		Optio

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